

FIG.1

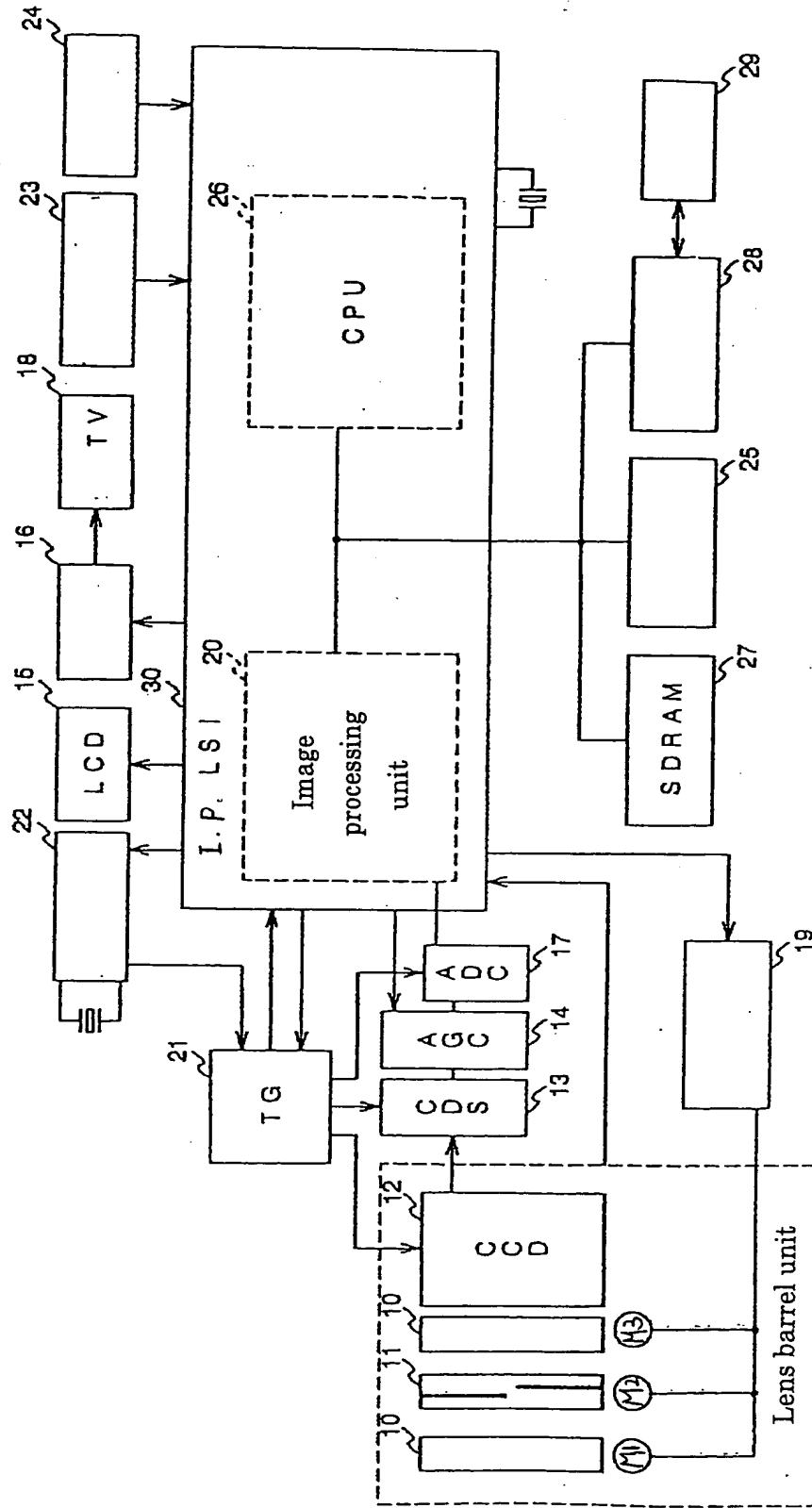
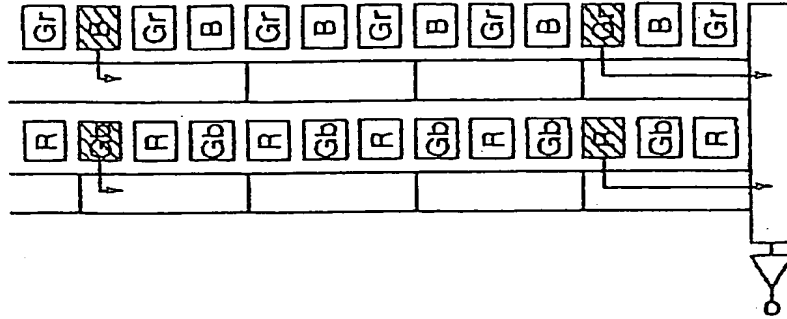


FIG. 2B Draft mode



Frame readout mode

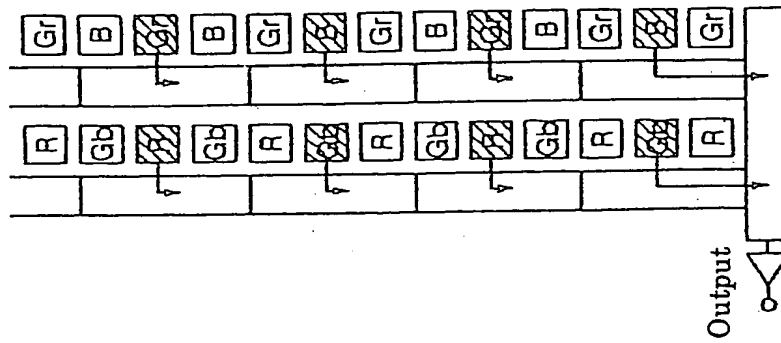
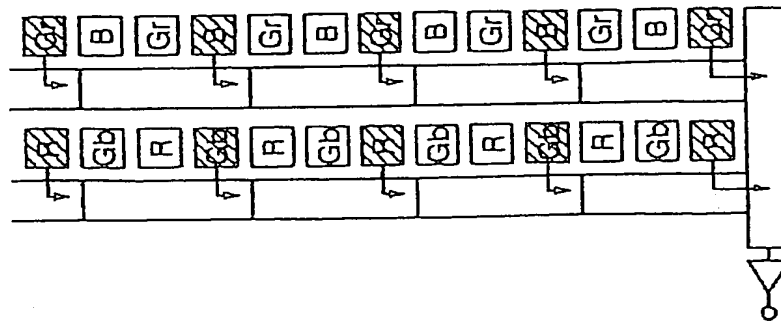


FIG. 2A



Output AMP

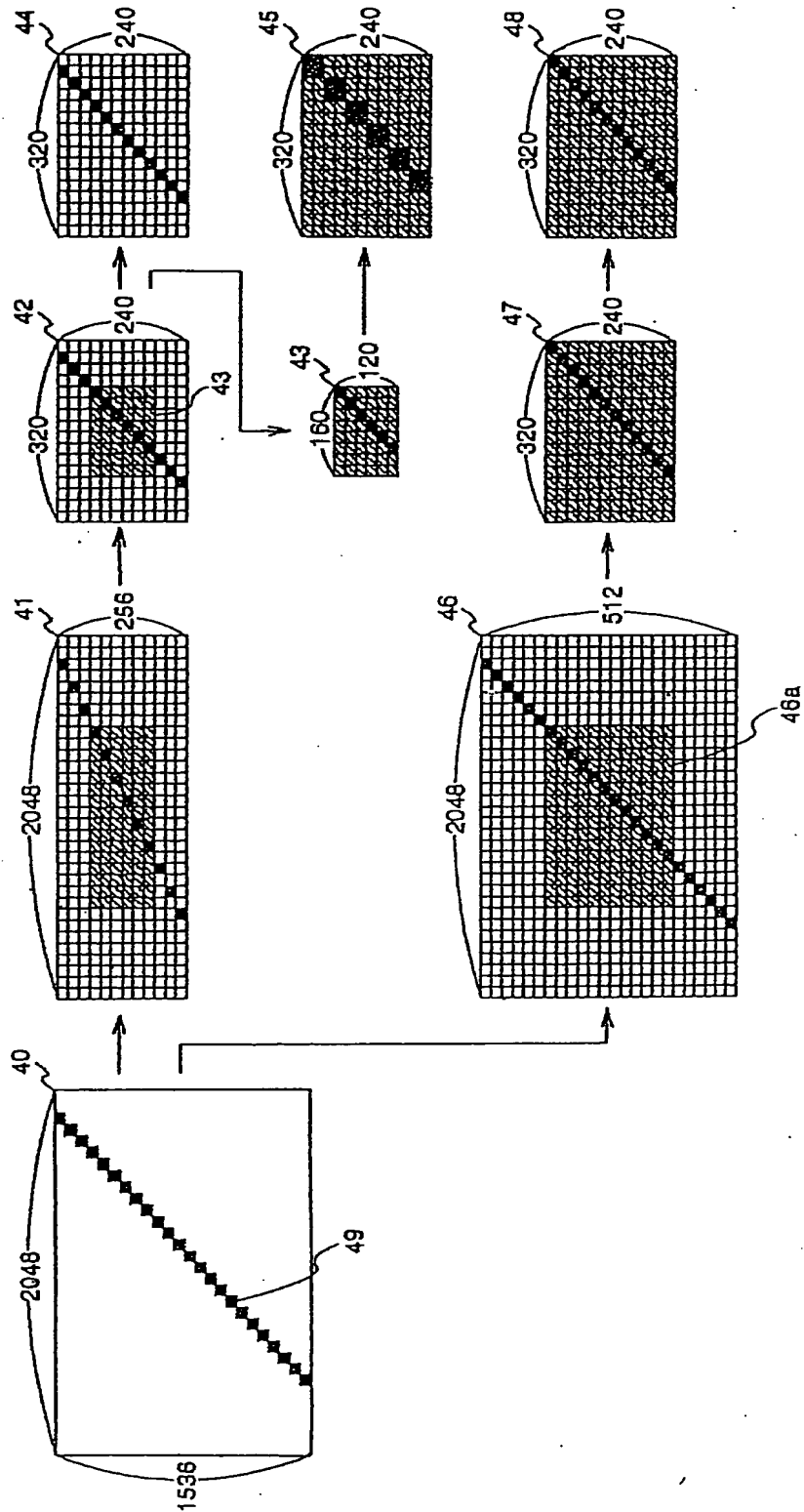
Horizontally transmitting oath

C Field

B Field

A Field

FIG. 3



DIGITAL ZOOM ORDER

Vertically
synchronized
signals

FIG. 4A

Horizontally
synchronized
signals

FIG. 4B

Electronic
shutter

FIG. 4C

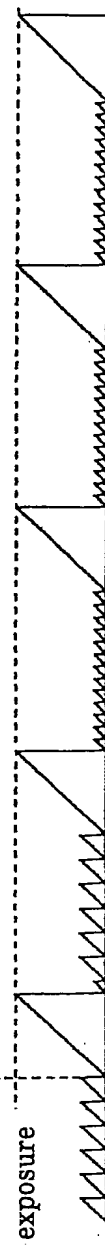
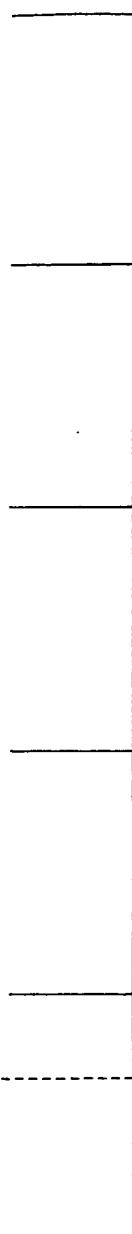
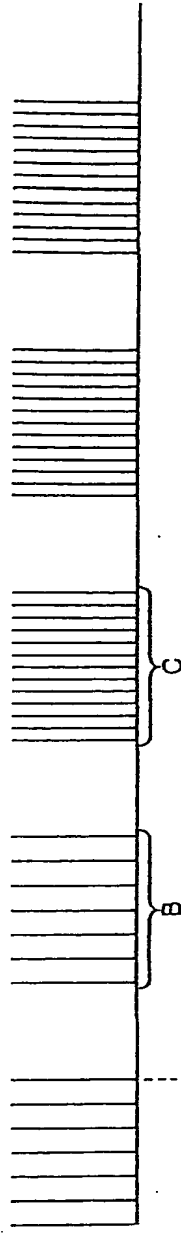
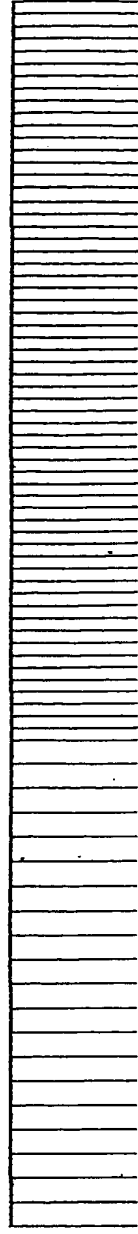
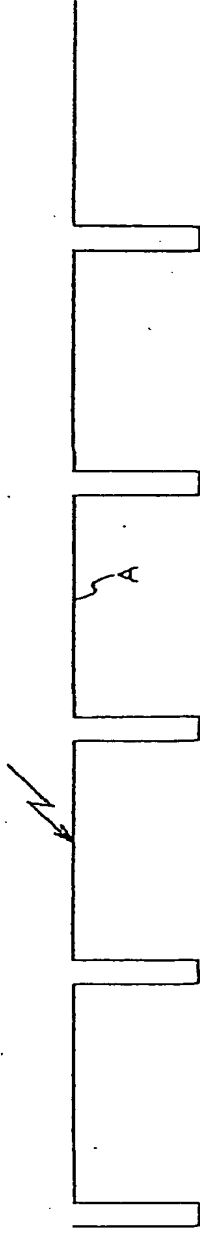
FIG. 4D Readout pulses

Accumulated
electric
charge

FIG. 4E

Horizontally
driving
frequency

FIG. 4F



12M H z

24M H z